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(71) **Applicant (for all designated States except US):** PAQUES B.V. [NL/NL]; T. de Boerstraat 24, NL-8561 EL Balk (NL).

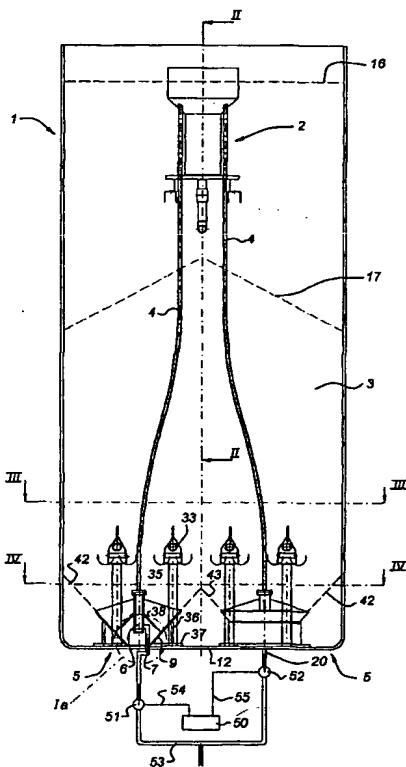
(72) **Inventors; and**
(75) **Inventors/Applicants (for US only):** VELLINGA, Sjoerd, Hubertus, Josef [NL/NL]; Pastoriesingel 23, NL-8458 CP Tjalleberd (NL). FABER, Jelle [NL/NL]; Wartenterp 10, NL-8617 LD Abbega (NL). WOUTERS, Johannes, Wilhelmus [NL/NL]; Beatrixstraat 2, NL-8601 HH Sneek (NL).

(74) **Agent:** VAN WESTENBRUGGE, ANDRIES ET AL.; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

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(54) Title: LIQUID PURIFICATION INSTALLATION



(57) Abstract: The invention relates to a purification installation for purifying a liquid. The purification installation comprises: a reactor vessel containing a bed of a granular medium; a medium mass; and at least one gas lift system; the at least one gas lift system comprises a riser with a suction inlet located in the bed and a blow outlet, at a higher position, opening into the medium mass, as well as gas feed means for generating a gas lift in the riser that draws in medium, liquid and gas at the suction inlet and feeds these upwards through the riser to the medium washer. The medium washer has a medium outlet for returning washed medium to the bed. The purification installation has a multiplicity of gas lift systems, the respective blow outlets of which emerge in the medium washer. The medium washer can be provided centrally with respect to the gas lift systems and/or with respect to the reactor vessel.



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